

AMENDMENTS TO THE CLAIMS

Please enter the following amendments to the claims:

1. (Currently Amended) A stereoscopic image display apparatus for generating a stereoscopic image based on a file, comprising:

a means for determining only a portion of descriptions in a file subject to a stereoscopic viewing-use process out of the descriptions in the file;

a means for determining a phase deviation amount and a deviation direction of an object to be stereoscopically displayed based on the portion of descriptions subject to the stereoscopic viewing-use process; and

a rendering means for carrying out a rendering process of each viewpoint image of the object to be stereoscopically displayed based on the phase deviation amount and the deviation direction, wherein

~~the rendering means, regarding each viewpoint image of the object to be stereoscopically displayed, renders an object on an adjacent side of the object to be stereoscopically displayed in such a manner that a location thereof is deviated toward a side of the deviation direction of the object to be stereoscopically displayed~~

regarding a viewpoint image of the object to be stereoscopically displayed to be deviated, an object on an adjacent side of the object to be stereoscopically displayed is rendered in such a manner that a location thereof is deviated toward a side of the deviation direction of the object to be stereoscopically displayed to be deviated by a certain deviation amount, and,

regarding a viewpoint image of the object to be stereoscopically displayed not to be deviated, an object on an adjacent side of the object to be stereoscopically displayed not to be

deviated is rendered in such a manner that a location thereof is deviated toward the side of the deviation direction of the object on the adjacent side of the object to be stereoscopically displayed to be deviated the certain deviation amount.

2. (Previously Presented) A stereoscopic image display apparatus according to claim 1, wherein the object to be stereoscopically displayed is rendered over an object adjacent thereto, or the object adjacent thereto is rendered over the object to be stereoscopically displayed corresponding to the phase deviation amount and the deviation direction when a rendering process in which the location of the object on the adjacent side is deviated is not executed.

3. (Original) A stereoscopic image display apparatus according to claim 2, wherein the object to be stereoscopically displayed, which is to be rendered over, is rendered in such a manner as to be translucent.

4. (Previously Presented) A stereoscopic image display apparatus according to claim 2 or 3, wherein the rendering-over process is executed when there is in the file a portion of the descriptions indicating that the rendering-over process is to be carried out.

5. (Original) A stereoscopic image display apparatus according to claim 1, wherein regarding each viewpoint image of the object to be stereoscopically displayed, an object on an adjacent side of the object to be stereoscopically displayed is rendered in such a manner that a location thereof is deviated toward a side of the deviation direction of the object to be stereoscopically displayed only by an amount equal to or larger than the phase deviation amount.

6. (Previously Presented) A stereoscopic image display apparatus according to claim 5, wherein a rendering process in which the location of the object on the adjacent side is deviated is executed when there is in the file a portion of the descriptions indicating that the rendering process in which the location of the object on the adjacent side is deviated is to be carried out.

7. (Previously Presented) A stereoscopic image display apparatus according to claim 1, wherein in a case that extent information as information indicating the phase deviation amount is described in the file, the phase deviation amount is calculated based on information of a previously retained setting table and the extent information.

8. (Previously Presented) A stereoscopic image display apparatus according to claim 1, wherein in a case that the object to be stereoscopically displayed is stereoscopically displayed on a near side, the object to be stereoscopically displayed is expanded and rendered, and in a case that the object to be stereoscopically displayed is stereoscopically displayed on a far side, the object to be stereoscopically displayed is reduced in size and rendered.

9. (Currently Amended) A processor-readable medium tangibly embodying a set of processor-executable instructions, wherein execution of the instructions causes a processor to perform operations comprising:

determining only a portion of descriptions in a file subject to a stereoscopic viewing-use process out of the descriptions in the file;

determining a phase deviation amount and a deviation direction of an object to be stereoscopically displayed based on the description indicating the stereoscopic viewing-use process; and

carrying out a rendering process of each viewpoint image of the object to be stereoscopically displayed based on the phase deviation amount and the deviation direction, wherein

~~regarding each viewpoint image of the object to be stereoscopically displayed, an object on an adjacent side of the object to be stereoscopically displayed is rendered in such a manner that a location thereof is deviated toward a side of the deviation direction and of the object to be stereoscopically displayed~~

regarding a viewpoint image of the object to be stereoscopically displayed to be deviated, an object on an adjacent side of the object to be stereoscopically displayed is rendered in such a manner that a location thereof is deviated toward a side of the deviation direction of the object to be stereoscopically displayed to be deviated by a certain deviation amount, and,

regarding a viewpoint image of the object to be stereoscopically displayed not to be deviated, an object on an adjacent side of the object to be stereoscopically displayed not to be devised is rendered in such a manner that a location thereof is deviated toward the side of the deviation direction of the object on the adjacent side of the object to be stereoscopically displayed to be deviated by the certain deviation amount.

10. (Previously Presented) The medium according to claim 9, wherein the operations further comprise rendering the object to be stereoscopically displayed over an object adjacent thereto, or rendering the object adjacent thereto over the object to be stereoscopically displayed corresponding to the phase deviation amount and the deviation direction.

11. (Previously Presented) The medium according to claim 10, wherein the operations further comprise rendering the object to be stereoscopically displayed, which is to be rendered over, in such a manner as to be translucent.

12. (Previously Presented) The medium according to claim 10 or 11, wherein the operations further comprise executing the rendering-over process when there is a portion of descriptions indicating the rendering-over process in a file.

13. (Previously Presented) The medium according to claim 9, wherein the operations further comprise rendering an object on an adjacent side of the object to be stereoscopically displayed in such a manner that a location thereof is deviated toward a side of the deviating direction of the object to be stereoscopically displayed only by an amount equal to or larger than the phase deviation amount, regarding each viewpoint image of the object to be stereoscopically displayed.

14. (Previously Presented) The medium according to claim 13, wherein the operations further comprise executing a rendering process in which the location of the object on the adjacent side is deviated when there is in a file a portion of descriptions indicating that the rendering process in which the location of the object on the adjacent side is deviated is carried out.

15. (Previously Presented) The medium according to claim 9, wherein the operations further comprise calculating, in a case that extent information as information indicating the phase deviation amount is described in the file, the phase deviation amount based on information of a previously retained setting table and the extent information.

16. (Previously Presented) The medium according to claim 9, wherein the operations further comprise expanding and rendering the object to be stereoscopically displayed in a case that the object to be stereoscopically displayed is stereoscopically displayed on a near side, and reducing in size and rendering the object to be stereoscopically displayed in a case that the object to be stereoscopically displayed is stereoscopically displayed on a far side.

17 – 45. (Canceled)